

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

(Case No. 05-783)

In the Application of:	)	
	)	
Richard D. Heal et al.	)	Examiner: Jason M. Sims
	)	
Serial No. 10/551,070	)	
	)	Group Art Unit: 1631
Filed: September 27, 2005	)	
	)	Conf. No. 6312
Title: Method and System for Analysis of Compounds	)	

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**REPLY TO THE SECOND RESTRICTION/ELECTION REQUIREMENT**

This is a Reply to the December 8, 2009 Restriction Requirement for the above-identified patent application. In the document, the examiner requires the Applicant to elect several species for examination purposes.

The Applicant hereby elects the following species for examination purposes:

- The species of analyzer of claim 18 having components representative of both local and global features across said channels.
- The species of analysis system of claim 15 that selects channels with the most frequently occurring non-zero number of spikes.

This species election is made with traverse. The Application further asks the examiner to withdraw the election requirement should a generic claim encompassing the elected species be held to be allowable.

Date: January 7, 2010

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312-913-2123